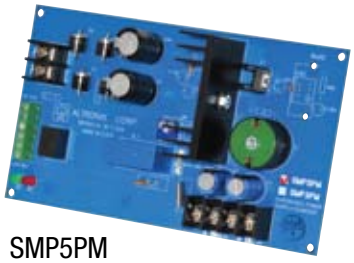
SMP5PM
Supervised Power Supply/Charger

Rev. DSSMP5PM_07132012



SMP5PM

Overview

This Altronix supervised power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:
- 12VDC applications use T2428100.
- 24VDC applications use T2428175.

Output:
- 12VDC or 24VDC selectable output.
- 4 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.3 amp.
- Battery short circuit protection (circuit breaker).

Supervision:
- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: –20º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 18 BTU/Hr.
  - 24VDC: 36 BTU/Hr.
- System AC input VA requirement:
  - 12VDC: 115VA.
  - 24VDC: 184VA

Mechanical:
- Board Dimensions (L x W x H approx.): 4.05” (102.87mm) x 7” (177.8mm) x 1.35” (34.29mm)
- Product weight (approx.): 0.45 lbs. (0.20 kg.).
- Shipping weight (approx.): 0.6 lbs. (0.27 kg.).

Features:
- Includes battery leads.

Board Dimensions *(L x W x H) (approximate)*:

4.05” (102.87mm) x 7” (177.8mm) x 1.35” (34.29mm)